

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87868

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55361
Calibration Std. hexchrome 0.05 ppm	WP55360
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55363
Calibratation STD Hexa Chrome 0.5 PPM	WP55362
calibration std. hexchrome 0.01 ppm	WP55358
calibration std. hexchrome 0 ppm	WP55357
Hexavalent Chromium ICV Std.	WP55364
Hexavalent Chromium CCV Std	WP55365
hexavalent chromium color reagent	WP55319
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55359

Intercept: 0.0006

Slope: 0.7784

Regression: 0.999949

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.10	0.000	0.000	0.000	06/05/2017	14:20
2	CAL2	0.01	1	100	100		2.44	0.000	0.008	0.008	06/05/2017	14:20
3	CAL3	0.025	1	100	100		1.93	0.000	0.018	0.018	06/05/2017	14:21
4	CAL4	0.05	1	100	100		2.27	0.000	0.039	0.039	06/05/2017	14:21
5	CAL5	0.1	1	100	100		1.69	0.000	0.079	0.079	06/05/2017	14:22
6	CAL6	0.5	1	100	100		1.80	0.000	0.396	0.396	06/05/2017	14:22
7	CAL7	1	1	100	100		2.35	0.000	0.776	0.776	06/05/2017	14:23



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87868

pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.18	0.000	0.391	0.391	0.502	06/05/2017	14:23
2	ICB		1	100	100		1.70	0.000	0.000	0.000	-0.001	06/05/2017	14:24
3	CCV1	0.5	1	100	100		1.56	0.000	0.392	0.392	0.503	06/05/2017	14:24
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	-0.001	06/05/2017	14:25
5	PB99491BL		1	2.50	100	7.56	1.62	0.000	0.000	0.000	-0.001	06/05/2017	14:25
6	PB99491BS	20	1	2.54	100	7.20	2.46	0.001	0.361	0.360	0.462	06/05/2017	14:26
7	I3420-01		1	2.50	100	7.33	2.39	0.009	0.009	0.000	-0.001	06/05/2017	14:26
8	I3420-06		1	2.55	100	7.54	2.28	0.010	0.011	0.001	0.001	06/05/2017	14:27
9	I3438-01		1	2.53	100	7.21	1.77	0.003	0.003	0.000	-0.001	06/05/2017	14:27
10	I3438-06		1	2.54	100	7.14	1.81	0.004	0.004	0.000	-0.001	06/05/2017	14:28
11	I3438-11		1	2.52	100	7.89	1.94	0.011	0.012	0.001	0.001	06/05/2017	14:28
12	I3444-01		1	2.53	100	7.65	2.30	0.013	0.015	0.002	0.002	06/05/2017	14:29
13	I3444-03		1	2.50	100	7.26	2.47	0.016	0.016	0.000	-0.001	06/05/2017	14:29
14	I3444-05		1	2.51	100	7.23	1.80	0.008	0.009	0.001	0.001	06/05/2017	14:30
15	CCV2	0.5	1	100	100		2.19	0.000	0.392	0.392	0.503	06/05/2017	14:30
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	-0.001	06/05/2017	14:31
17	I3444-07		1	2.53	100	7.05	2.46	0.009	0.035	0.026	0.033	06/05/2017	14:31
18	I3449-01		1	2.50	100	7.28	1.65	0.041	0.042	0.001	0.001	06/05/2017	14:32
19	I3462-01		1	2.53	100	7.39	2.04	0.038	0.038	0.000	-0.001	06/05/2017	14:32
20	I3462-01DUP		1	2.52	100	7.41	1.66	0.040	0.040	0.000	-0.001	06/05/2017	14:33
21	I3462-01MSPre	40	2	2.50	100	7.39	2.23	0.041	0.161	0.120	0.153	06/05/2017	14:33
22	I3462-01MS2Ins	1284	40	2.51	100	7.48	2.39	0.043	0.631	0.588	0.755	06/05/2017	14:34
23	I3462-01MS3Post	40	2	2.55	100	7.78	1.78	0.044	0.275	0.231	0.296	06/05/2017	14:34
24	I3466-01		1	2.55	100	7.89	2.14	0.005	0.007	0.002	0.002	06/05/2017	14:35
25	I3466-03		1	2.54	100	7.69	2.27	0.016	0.016	0.000	-0.001	06/05/2017	14:35
26	I3466-05		1	2.55	100	7.83	1.75	0.018	0.018	0.000	-0.001	06/05/2017	14:36
27	CCV3	0.5	1	100	100		2.26	0.000	0.393	0.393	0.504	06/05/2017	14:36
28	CCB3		1	100	100		2.17	0.000	0.000	0.000	-0.001	06/05/2017	14:37

2387867

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex060517-2 WorkList ID : 99196 Date : 6/5/2017 3:16:44 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I3469-09	Hexavalent Chromium	Cool 4 deg C	AKRF02	K51	TW-1-20170603	06/03/2017	SM3500-Cr B

Date/Time 06/05/17 15:18
Received by: JB
Relinquished by: [Signature]

Date/Time 06/05/17 16:05
Received by: CD
Relinquished by: IB